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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	National Stage Entry of PCT/JP03/12328	
Confirmation Number	Not yet assigned	
Filing Date	October 18, 2004	1
First Named Inventor	Masato MACHIDA	ı
Art Unit	Not yet assigned 1753	l
Examiner Name	Not yet assigned Jeff Yakul	Ļs
Attorney Docket Number	O83987	1

U.S. PATENT DOCUMENTS								
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Examiner Initials*	Cite No.1	Number	Kind Code ¹ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
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Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
/J.Y./		ЛР	06-007642	A	1/18/1994	TOYOTA CENTRAL RES & DEV LAB INC	Abstract
		JP	08-168673	A	7/2/1996	AGENCY OF IND SCIENCE & TECHNOL	Abstract
		Ъ	07-246318	А	9/26/1995	TOYOTA CENTRAL RES & DEV LAB INC	Abstract
		л	2002-204960	A	7/23/2002	ISUZU CERAMICS RES INST CO LTD	Abstract
		JР	2002-186827	A	7/2/2002	MITSUBISHI ELECTRIC CORP	Abstract
V		Љ	09-099213	A	4/15/1997	SEKIYU SANGYO KASSEIKA CENTER	Abstract
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	NON PATENT LITERATURE DOCUMENTS	
Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		
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Examiner Signature	/Jeffrey Yakulis/	Date Considered	07/25/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to indicate here if English language Translation is attached.

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PTO/SB/08e (08-03.)
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Application Number

			Filing Date			2004-10-18					
			First N	lamed li	nventor	Masa	MO MACHIDA				
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Examiner Cite Initial* Patent Number Kind Code1				ete				or Applicant Pages, Columns, Lines Relevant Passages or Figures Appear		ant	
1	5352337	A	1994-10	1994-10-04 Kobayashi et al.							
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NON-PATENT LITERATURE DOCUMENTS

INFORMATION DISGLOSURE STATEMENT BY APPLICANT

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Application Number	10511679						
Filing Date	2004-10-18	2004-10-18					
First Named Inventor	Masato MACHIDA						
Art Unit	1 754 1753						
Examiner Name	N ot Yet Assigned Jeff Yakulis						
Attorney Docket Numb	r Q83987						

Examiner Initials* Cite No include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.							
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Complete if Known

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First Named Inventor Masato MACHIDA

Art Unit H764 1753

Examiner Name not yet assigned Jeff Yakulis

Attorney Docket Number Q83987

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U.S. PATENT DOCUMENTS Document Number **Publication Date** Examiner Cite Name of Patentee or Applicant of Cited Document Kind Code² No.1 MM-DD-YYYY Initials* Number (if known) Plog et al. 7J.Y./ US 6,015,483 01-18-2000 Α 7J.Y*.I* US 5,707,509 01-13-1998 Hartweg A US US US US US US US

FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Fo	reign Patent Docu	ment	Publication Date	Name of Patentee or	m 1	
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶	
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